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Annals and Magazine of Natural History
Series 1

ISSN: 0374-5481 (Print) (Online) Journal homepage: http://www.tandfonline.com/loi/tnah07

Meteorological observations made at the Apartments of the Royal Society by the Assistant Secretary, Mr. Roberton; by Mr. Thompson at the Garden of the Horticultural Society at Chiswick, near London; by Mr. Veall at Boston, and by Mr. Dunbar at Applegarth Manse, Dumfries-shire

To cite this article: (1840) Meteorological observations made at the Apartments of the Royal Society by the Assistant Secretary, Mr. Roberton; by Mr. Thompson at the Garden of the Horticultural Society at Chiswick, near London; by Mr. Veall at Boston, and by Mr. Dunbar at Applegarth Manse, Dumfries-shire , Annals and Magazine of Natural History, 5:28, 72-72, DOI: 10.1080/00222934009496768

To link to this article: http://dx.doi.org/10.1080/00222934009496768

Published online: 15 Mar 2010.

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Meteorological Observations made at the Apartments of the Royal Society by the Assistant Secretary, Mr. ROBERTON; *by* Mr. THOMPSON *at the Garden of the Horticultural Society at Chiswick, near London; by* Mr. VEALL *at Boston, and by* Mr. DUNBAR *at Applegarth Manse, Dumfries-shire.*

Days of Month. 1840. Jan.	Barometer. London: Roy. Soc. 9 a.m.	Barometer. Chiswick. Max.	Barometer. Chiswick. Min.	Barometer. Boston. 8½ a.m.	Barometer. Dumfries-shire. 9 a.m.	Barometer. Dumfries-shire. 8½ p.m.	Thermometer. London: Roy. Soc. Fahr. 9 a.m.	Thermometer. Self-register. Chiswick. Max.	Thermometer. Self-register. Chiswick. Min.	Thermometer. Boston. 8½ a.m.	Thermometer. Dumfries-shire. Max.	Thermometer. Dumfries-shire. Min.	Wind. London: Roy.Soc. 9 a.m.	Wind. Chiswick. 1 p.m.	Wind. Bost.	Wind. Dumfries-shire.	Rain. London: Roy. Soc. 9 a.m.	Rain. Chiswick.	Rain. Boston.	Rain. Dumfries-shire.	Dew point. Lond.: Roy. Soc. 9 a.m.
1.	29·724	29·944	29·699	29·30	29·46	29·35	49·8	50·5	44·3	55	46	51	44	39	S.	S.	calm	E by S.	...	·02	...	...	44
2.	29·738	29·941	29·757	29·21	29·25	29·41	47·6	48·0	47·6	52	39	47	47	42½	SW.	SW.	SW;	SW.	...	·06	...	...	43
3.	30·000	29·999	29·924	29·47	29·73	29·95	43·2	43·6	41·8	46	40	43	45½	42	W.	SW.	calm	W—N.	·025	·17	...	...	40
● 4.	29·956	29·975	29·908	29·60	29·90	29·89	39·7	40·6	40·6	44	32	38	39	32	NE.	NE.	calm	NE.	·072	...	...	...	40
5.	29·896	29·968	29·902	29·52	29·84	29·87	36·3	36·6	36·7	40	24	30	35½	27½	N.	N.	calm	N.	·205	...	...	...	37
6.	30·000	30·253	30·000	29·60	29·99	30·18	33·6	34·0	31·5	38	19	31	34	27½	NW.	NE.	calm	NE.	...	...	...	0·60	32
7.	30·282	30·313	30·259	29·92	30·10	29·98	29·0	32·0	29·0	32	12	27	32	19½	ENE.	E.	calm	NE.	...	...	...	...	28
8.	30·156	30·219	30·182	29·73	29·93	30·03	22·8	29·4	22·3	32	26	31	38	29	SW.	SW.	calm	NW.	...	...	...	...	17
9.	30·224	30·389	30·264	29·80	30·09	30·21	33·2	32·8	22·3	37	29	35	35	27	SW.	W.	calm	NE.	...	...	...	...	28
10.	30·476	30·588	30·511	30·20	30·26	30·25	34·2	34·8	32·6	35	15	33·5	34½	25	E.	SE.	calm	WSW.	...	...	...	...	26
11.	30·516	30·557	30·413	30·13	30·14	30·07	27·4	37·2	26·0	37	17	26	41½	34	SE.	S.	calm	SSE.	...	...	...	...	27
☽ 12.	30·286	30·352	30·288	29·94	29·85	29·87	31·5	35·3	27·3	42	22	27	44	38	SE.	S.	W.	S.	...	...	...	...	27
13.	30·144	30·192	30·003	29·83	29·71	29·47	34·9	39·8	31·4	40	29	31	45	42	SE.	S.	W.	SE.	...	...	...	...	28
14.	29·924	30·078	29·944	29·55	29·54	29·68	40·9	41·5	34·8	46	41	37	46	41½	S.	S.	SE.	SE.	...	·01	...	0·20	33
15.	30·142	30·131	29·879	29·68	29·70	29·36	43·2	44·7	40·2	46	38	43	46½	43	SSW.	SW.	SE.	S.	...	·06	...	...	39
16.	29·718	29·797	29·760	29·23	29·30	29·39	40·7	46·8	40·8	43	36	40	46½	40	SW.	W.	W.	W.	·044	·15	...	...	39
17.	29·490	29·858	29·518	29·18	29·42	29·71	41·5	46·6	40·8	43	24	39	42	35	S.	NE.	calm	NNE.	·127	·02	...	...	40
18.	29·972	29·990	29·726	29·54	29·43	29·28	36·3	43·8	34·2	50	40	33·5	49½	28	S.	SW.	calm	SW.	·033	·14	·03	...	36
○ 19.	29·436	29·697	29·358	28·94	28·88	28·80	49·4	50·7	35·6	54	40	46	46½	41	S.	W.	calm	WSW.	·122	·37	...	...	44
20.	29·618	29·712	29·425	29·15	29·20	29·03	42·6	54·2	41·4	54	44	42·5	42½	36	S.	W.	W.	W by S.	·282	·20	·09	...	41
21.	29·312	29·726	29·325	28·73	28·73	29·05	51·3	53·7	41·4	52	43	51	44	35½	S.	W.	W.	SSW.	·361	·09	·11	2·40	45
22.	29·684	29·838	29·652	29·10	29·22	29·45	48·3	53·2	45·0	51	38	47	44	37½	S.	W.	W.	W.	·133	·04	·12	...	43
23.	29·808	29·841	29·622	29·25	29·10	29·05	47·7	51·4	41·2	54	49	41·5	49	35½	S. var.	SW.	W.	S.	·022	...	...	...	41
24.	29·346	29·366	29·010	28·73	28·78	28·41	52·0	53·5	47·4	53	37	55	49	40	S. var.	SW.	S.	SSW.	...	·49	...	...	47
25.	29·316	29·382	29·352	28·76	28·77	28·95	43·0	53·3	39·6	54	38	39	39	36	S.	W.	W.	SW.	·394	·05	·20	...	42
☾ 26.	28·938	29·311	28·742	28·43	28·44	28·62	50·5	52·7	40·6	52	34	48	44½	35½	S. var.	W.	W.	WSW.	...	·34	·08	...	45
27.	29·444	29·758	29·499	28·91	29·00	29·28	37·8	38·5	37·0	46	35	36	39½	29½	SW.	W.	W.	W.	·481	·02	·05	...	38
28.	29·422	29·427	29·182	29·05	29·05	28·85	42·8	43·4	37·0	54	42	36	37½	32	S.	W.	calm	SW.	·016	·17	...	1·41	40
29.	29·500	29·830	29·562	29·	29·35	29·54	44·8	45·5	42·6	47	26	37	39½	33	W.	NW.	N.	WSW.	·272	...	·36	...	41
30.	29·938	29·962	29·685	29·53	29·30	29·45	34·4	35·0	34·6	45	30	34	39	27	SSW.	E.	calm	SE.	...	·02	·02	...	36
31.	29·574	29·584	29·539	29·15	29·20	29·30	43·4	44·3	34·8	50	29	41	42	33½	S.	S.	S.	SSE.	·044	·06	·19	...	40
Mean.	29·806	29·931	29·732	29·36	29·440	29·474	40·4	43·5	36·9	45·93	32·64	38·6	42·	34·3					Sum. 2·633	2·48	1·25	4·61	Mean. 37·0